

REMARKS

Claims 1-22 are now pending in the application with Claims 23-35 being new. Of these pending claims, Claims 1-15 stand rejected, Claims 1, 5 and 10 are objected to, and Claims 16-22 have been withdrawn from consideration. The Examiner is respectfully requested to reconsider and withdraw the rejections in view of the amendments and remarks contained herein.

SPECIFICATION

The specification stands objected to for certain informalities. Applicant has amended the specification according to the Examiner's suggestions. Therefore, reconsideration and withdrawal of this objection are respectfully requested.

REJECTION UNDER 35 U.S.C. § 112

Claims 1-15 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point and distinctly claim the subject matter which Applicant regards as the invention. The Examiner's attention is directed to Claim 1 which has been amended to overcome the rejection.

REJECTION UNDER 35 U.S.C. § 103

Claims 1-9 and 14 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Williamson (U.S. Pat. No. 5,580,401) in view of Akechi (U.S. Pat. No. 4,838,936). Claim 10 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Williamson in view of Akechi and further in view of Krause et al. (U.S. Pat. No.

5,594,186). Claims 11-12 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Williamson (U.S. Pat. No. 5,580,401) in view of Akechi (U.S. Pat. No. 4,838,936) and further in view of Matsuyama et al. (EP Pat. No. 0053301). Claim 13 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Williamson (U.S. Pat. No. 5,580,401) in view of Akechi (U.S. Pat. No. 4,838,936) and further in view of Nippon Steel Corp. (JP 05161947). Claim 15 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Williamson (U.S. Pat. No. 5,580,401) in view of Akechi (U.S. Pat. No. 4,838,936) and further in view of Futagami et al. (U.S. Pat. No. 6,299,424). In view of the amendments herein, these rejections are respectfully traversed.

The Examiner's attention is directed to independent Claims 1 and 25. These claims describe the formation of a monolithic scroll component. In this regard, the scroll component is formed by forming a green involute scroll form having involute and base plate portions. Additionally, a powder metal hub portion is formed. The monolithic scroll component is formed by simultaneously sintering and bonding the scroll form and the hub.

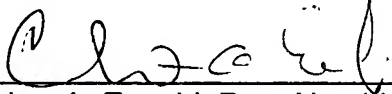
Applicant respectfully asserts that the references cited are completely silent as to the formation of a scroll component using these techniques. Specifically, the references are completely silent as to the simultaneous sintering and attachment of two scroll components. Applicant further directs the Examiner's attention to Claim 27 which claims the introduction of a polymer into pores in the component after the sintering and bonding of the components.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action and the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

Dated: Jan 13 - 2006

By: 
Christopher A. Eusebi, Reg. No. 44,672

HARNESS, DICKEY & PIERCE, P.L.C.
P.O. Box 828
Bloomfield Hills, Michigan 48303
(248) 641-1600

CAE/smb